

DEPTH IN FEET	LABORATORY TEST DATA					WELL SUMMARY/ BACKFILL	PENETRATION RESISTANCE (BLOWS/6 INCHES) —SAMPLE—	USCS	PROFILE	BORING NO. 10MW-4	
	PID READING (ppm)	PERMEABILITY (cm/s)	TOC IN SOIL (ppm)	TOLUENE (ppm)	XYLENE (ppm)	TOTAL PETROLEUM HYDROCARBONS (ppm)				COORDINATES	
0										N 2082519.4 E 5774195.3	
										FIELD ENGINEER <u>B. Sibbett</u> C. Nelson	DATE BEGAN <u>1-8-98</u>
										EDITED BY <u>B. Sibbett</u>	DATE FINISHED <u>1-9-98</u>
										CHECKED BY <u>B. Sibbett</u>	GROUND SURFACE EL. <u>250.23'</u>
										DESCRIPTION Top of Casing 249.8'	
								gw		Black, 8" of Asphalt Pavement.	
										Loose, dark yellowish brown (10YR 4/4) sandy GRAVEL, road fill.	
5										3.0'	
								sp		Loose, very dark grayish brown (10YR 3/2) SAND, fine with few granules, asphalt coated.	
10											
										Loose, dark brown (7.5YR 4/4) SAND, fine grained, well sorted, road fill.	
15										13.0'	
								sp		Very loose, dark yellowish brown (10YR 4/6) SAND, moist, fine grained, very well sorted.	
20	ND										
										Very loose, dark yellowish brown (10YR 4/4) SAND, fine grained.	
25	ND		ND							21.0'	
			ND								
30	ND							sc		Very soft, black (10YR 2/1) clayey SAND, fine grained.	
										27.72 feet to water on 2/1/98.	
35	ND									Very dark gray (10YR 3/1) clayey SAND, wet, fine grained, mottled coloring with dark brown splotched, few live rootlets.	
	7-9-6									SAND, wet, fine, well sorted. Water tagged during drilling at 35'.	
40			3.8					sp		Dark gray (10YR 4/1) SAND, wet, fine, well sorted, with very few diatomite chips.	
45								cl		45.0'	
										Black, CLAY, organic with wood on top of bed.	
50								sp		45.25'	
										Loose, very dark gray (5Y 3/1) SAND, wet, very well sorted, fine grained, minor clay, dark brown, wood chips. H2S swamp smell. Few pebbles of diatomite.	
55								sc		Loose, dark gray (10YR 4/1) SAND, wet, fine grained, well sorted, but few pebbles of diatomite.	
										52.0'	
60										Very dark gray (10YR 3/1) clayey SAND, interbedded with SAND, fine grain.	
										54.0'	
65								sp		Dark gray (10YR 4/1)	
										Loose, dark gray (10YR 4/1) SAND, fine, minor clay.	
70										Few chips of bedrock to 1" size.	
										64.0'	
										Light brownish gray (2.5Y 6/2) DIATOMITE with 1mm light gray laminae dip 5° fractured, color darkens to olive gray (5Y 4/2) at 65'	
										Top of bedrock appears to slope about 50°, fault contact.	
										TOTAL DEPTH 65 FEET	

PROJECT NO. 771230
CLIENT: Vandenberg Air Force Base

SEE LEGEND FOR LOGS AND TEST PITS
FOR EXPLANATION OF SYMBOLS AND TERMS



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